

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects

**Town of Los Gatos Map
with
Project Legend Showing Project Locations**

PROJECT LOCATIONS	
A	Traffic Calming Projects
B	Highway 9 Safety Improvements
C	Annual Street Restriping
D	School Route Evaluation & Design
E	Knowles Drive – Railroad Crossing

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects

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PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects

The Street Program's *Street Repair, Maintenance & Safety Section* contains Capital Improvement Program projects that repair, maintain, or enhance safety features of the Town's streets as the primary scope of work. Projects may also encompass minor components of streetscape or street improvements; however to be categorized in this section, street repair, maintenance or safety enhancements will be the project's main purpose. Safety issues, available funding sources, project costs, and community impacts are all considerations in prioritizing Street Repair, Maintenance & Safety projects in the five year Capital Improvement Program plan.

This Street Program section will contain annual on-going projects as well as one-time projects. GFAR funding is utilized for the annual Traffic Calming, and the Annual Street Re-striping programs. One-time projects are often prioritized by the availability of grant funding, such as the Caltrans bicycle safety grant program that focuses on funding street safety enhancements. GFAR funds may also be utilized to fund a portion of grant driven projects as a grant's 'match requirement'. Some one-time projects are funded by GFAR, as directed by Council.

Los Gatos does not have a designated funding source for repairing, maintaining, and improving safety for the Town's roadway system.

Street Repairs, Maintenance & Safety Projects Summary FY 2005/06 – 2010/11

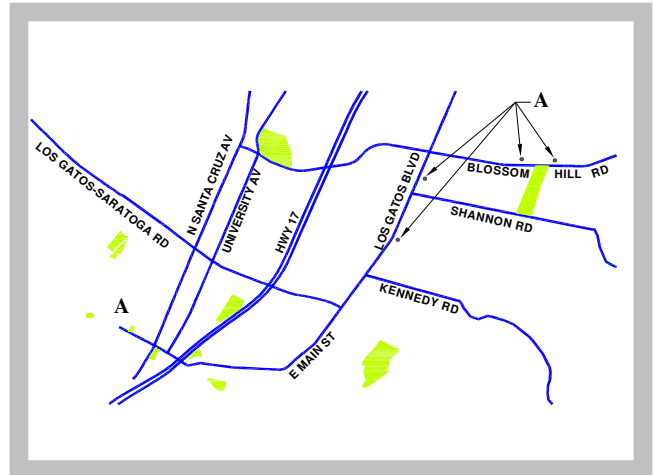
	Expended Through 2005/06	Estimated Carryfwd 2006/07	2006/07 Budget	2007/08 Budget	2008/09 Budget	2009/10 Budget	2010/11 Budget	Total Budgeted
<i>Carryforward Projects</i>								
0208 Traffic Calming Projects	174,000	55,000	-	15,000	15,000	15,000	15,000	289,000
0614 Hwy 9 Safety Improvements	70,000	1,699,000	-	-	-	-	-	1,769,000
<i>New Projects</i>								
0710 Annual Street Restriping	-	-	50,000	25,000	25,000	25,000	25,000	150,000
0711 School Route Eval & Design	-	-	30,000	-	-	-	-	30,000
10M2 Knowles Ave Railroad Crossing	-	-	-	-	-	60,000	-	60,000
Total Maintenance & Safety Projects	244,000	1,754,000	80,000	40,000	40,000	100,000	40,000	2,298,000

Unfunded Projects

- Improve pedestrian signals along arterial roadways (including Los Gatos Blvd, Blossom Hill Road and N. Santa Cruz Avenue).
- Conduct Town-wide arterial study

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects



Project Name Traffic Calming Projects

Department Parks & Public Works

Project Number 0208

Project Manager Town Engineer: Kevin Rohani

Description In accordance with the Town's Traffic Calming Policy, this project will conduct minor traffic studies, develop and implement traffic improvements, and install roadway devices to further enhance school pedestrian and roadway safety near high-use crosswalks.

Location The proposed traffic calming projects are scheduled to occur on Massol Avenue, Kennedy Road, and Wraight Avenue. Due to efforts of the Town over the last few years, neighborhood projects have dropped significantly. Since traffic calming near schools remains an important safety concern, these locations have been targeted for FY 2006/07 for additional roadway and pedestrian safety measures near schools and high-use crosswalks.

Project Background In 2002, the Town implemented a traffic calming policy to address and mitigate neighborhood traffic and pedestrian safety issues, such as speeding and cut-through traffic. At the time the policy was adopted, twelve project areas were under review for traffic calming improvements. To date, eight of the twelve have been completed.

The remaining four, which include Massol Avenue, Kennedy Road, Wraight Avenue, and Longridge are in various project stages. Longridge Avenue, which is not included in the FY 2006/07 proposed traffic calming projects, is anticipated to be completed by the end of FY 2005/06.

Traffic calming improvements such speed humps, traffic circles, center medians, and bulb-outs would be installed to slow vehicles or enhance pedestrian safety. Staff will continue traffic calming efforts, particularly in the area of school and pedestrian safety. The installation of speed feedback signs adjacent to school zone borders located on arterial roadways is planned for Summer 2006.

With a sufficient funding in this project for the currently planned traffic calming projects, available carryforward GFAR funding will be utilized for FY 2006/07. Annual funding appropriations will resume in FY 2007/08 to enhance traffic safety, including but not limited to the implementation of mitigation measures to improve neighborhood traffic and school pedestrian safety.

Operating Budget Impacts Engineering staff time for oversight of these projects is to be incorporated into the operating budget on an ongoing basis.

PROPOSED STREET PROGRAM

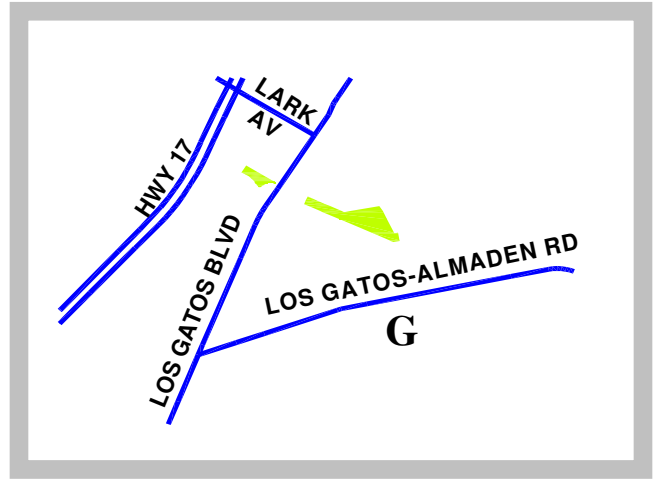
Street Repairs, Maintenance & Safety Projects

Project Components & Estimated Timeline	July, 2006	Installation	Install speed radar boards at four school zones on arterials.
	Oct., 2006	Project Design	Continue design with Massol neighborhood and conduct neighborhood survey to determine if design has necessary neighborhood support.
	March, 2007	Council Report	Report neighborhood proposal to Council for approval.
	May, 2007	Construction	Installation of proposed traffic calming device(s) on Massol Avenue.
		Ongoing	Additional project review conducted as resources available, to carry-forward annually.

TRAFFIC CALMING PROJECTS									Project 0208
SOURCE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GFAR	174,000	-	66,000	-	15,000	15,000	15,000	15,000	300,000
Transfer to Other Projects	-	-	(11,000)	-	-	-	-	-	(11,000)
TOTAL REVENUES	174,000	-	55,000	-	15,000	15,000	15,000	15,000	289,000
USE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GFAR									
Salaries and Benefits	-	-	-	-	-	-	-	-	-
Services/Supplies/Equipment	-	-	-	-	-	-	-	-	-
Site Acquisition & Preparation	-	-	-	-	-	-	-	-	-
Consultant Services	-	-	-	-	-	-	-	-	-
Project Construction Expenses	174,000	-	55,000	-	15,000	15,000	15,000	15,000	289,000
TOTAL GFAR	174,000	-	55,000	-	15,000	15,000	15,000	15,000	289,000
TOTAL EXPENDITURES	174,000	-	55,000	-	15,000	15,000	15,000	15,000	289,000

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects



Project Name Highway 9 Safety Improvements

Project Number 0614

Department Parks & Public Works

Project Manager Town Engineer: Kevin Rohani

Description A multi-agency pedestrian and bicycle safety improvement project, to improve the safety of this highway linking the communities of Los Gatos, Monte Sereno and Saratoga.

Location The project covers three jurisdictions, Los Gatos, Monte Sereno and Saratoga. The Los Gatos component is located between Los Gatos Boulevard and the border of Monte Sereno, (west of Massol Avenue).

Project Background The Town has undertaken several projects to improve the safety of Highway 9 for pedestrians and bicyclists, including the installation of improvements for the Massol/Highway 9 crosswalk, and working with Caltrans to install a speed radar sign to slow traffic entering Town limits approaching the crosswalk. Due to several fatal accidents on Highway 9 in which automobiles hit pedestrians or bicyclists, the jurisdictions and community members subsequently joined together to focus additional attention on safety improvements for the corridor. The Town subsequently participated in a feasibility study with Saratoga and Monte Sereno for bicycle lane and pedestrian paths along the highway.

With the results of the feasibility report, Monte Sereno applied for a bicycle safety grant in 2004, which was approved in 2005. The \$1.5 million grant was awarded to design and construct safety enhancements along Highway 9 from Los Gatos to Saratoga. As such, each of the three jurisdictions has a prorated match based upon the amount of Highway and planned improvements. The Town of Los Gatos' match is \$50,000.

After the award of the grant to Monte Sereno, Caltrans requested the Town of Los Gatos be the lead agency and manage the grant and construction project due to their grant requirements. Currently, the project is about to begin the preliminary design stage, anticipated to be completed by spring of 2007. Construction is anticipated no sooner than the fall of 2007 due to the large scope of this project.

Operating Budget Impacts For Los Gatos, ongoing operating costs are anticipated to be minimal, as the majority of this project is in neighboring jurisdictions. Engineering staff time for design and oversight of this project is incorporated into the FY 2006/07 operating budget.

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects

Project Components & Estimated Timeline	June, 2006 to Jan., 2007	Project design	Preliminary engineering and environmental design will be performed
	Feb., 2007 to Aug., 2007	Final design	Final design and preparation of construction documents will be performed
	Nov., 2007 to Feb., 2008	Construction	Project construction will be undertaken
	March 2008	Completion	

HIGHWAY 9 SAFETY IMPROVEMENTS									Project 0614
SOURCE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GFAR	-	-	51,000	-	-	-	-	-	51,000
Other Jurisdiction Contribution	-	-	153,000	-	-	-	-	-	153,000
GRANTS & AWARDS	-	70,000	1,495,000	-	-	-	-	-	1,565,000
TOTAL REVENUES	-	70,000	1,699,000	-	-	-	-	-	1,769,000
USE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GFAR									
Salaries and Benefits	-	-	-	-	-	-	-	-	-
Services/Supplies/Equipment	-	-	-	-	-	-	-	-	-
Site Acquisition & Preparation	-	-	-	-	-	-	-	-	-
Consultant Services	-	-	-	-	-	-	-	-	-
Project Construction Expenses	-	-	204,000	-	-	-	-	-	204,000
TOTAL GFAR	-	-	204,000	-	-	-	-	-	204,000
GRANTS & AWARDS									
Salaries and Benefits	-	-	-	-	-	-	-	-	-
Services/Supplies/Equipment	-	-	-	-	-	-	-	-	-
Site Acquisition & Preparation	-	-	-	-	-	-	-	-	-
Consultant Services	-	-	-	-	-	-	-	-	-
Project Construction Expenses	-	70,000	1,495,000	-	-	-	-	-	1,565,000
TOTAL GRANTS & AWARDS	-	70,000	1,495,000	-	-	-	-	-	1,565,000
TOTAL EXPENDITURES	-	70,000	1,699,000	-	-	-	-	-	1,769,000

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects



Project Name Annual Street Restriping

Project Number 0710

Department Parks & Public Works

Project Manager Town Engineer: Kevin Rohani

Description This project is an annual program to restripe a portion of the Town streets with thermo-plastic paint to keep streets in safe condition for use by the public.

Location Roadway re-striping work will be done at various locations throughout the Town based on conditions and available funds.

Project Background The Town has not had in-house staffing resources to keep the striping and marking of Town's public street in good condition in recent years. Any striping that has been accomplished was done in conjunction with the resurfacing of specific streets in the Town's annual street paving project.

Roadway stripes wear out due to traffic and weather, and create a potential safety concern. The goal is to have Town streets that are properly striped for safe operation and use by the public. This annual street re-striping program will install thermoplastic striping for center lanes, bicycle lane markings, crosswalks, stop sign and signal light markings, and other roadway signage as needed. Thermoplastic striping is thicker than the usual roadway legend paint, more durable, and weather-proof and has higher visibility.

Under this project, locations that are not scheduled for street repaving will be prioritized for re-striping. The re-striping of repaved streets will continue to occur in conjunction with paving contracts.

This first year of this program has an initial GFAR funding of \$50,000, with annual appropriations of \$25,000 in following years.

Operating Budget Impacts The use of thermoplastic striping will extend the life of pavement markings, reducing total maintenance costs over time. Street maintenance staff time is to be incorporated into the operating budget on an ongoing basis.

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects

Project Components & Estimated Timeline	July, 2006	Project Design	Staff to review streets and develop list of streets in highest need of restriping.
	Aug., 2006	Bid Process	Obtain bids from licensed contractors and submit to Council for approval.
	Sept., 2007	Construction	Street restriping conducted by approved contractor.
	Sept., 2007	Completion	Annual re-striping program completed for current fiscal year.

ANNUAL STREET RESTRIPING									Project 0710
SOURCE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GFAR		-		50,000	25,000	25,000	25,000	25,000	150,000
TOTAL REVENUES	-	-	-	50,000	25,000	25,000	25,000	25,000	150,000
USE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GFAR									
Salaries and Benefits	-	-	-	-	-	-	-	-	-
Services/Supplies/Equipment	-	-	-	-	-	-	-	-	-
Site Acquisition & Preparation	-	-	-	-	-	-	-	-	-
Consultant Services	-	-	-	-	-	-	-	-	-
Project Construction Expenses		-		50,000	25,000	25,000	25,000	25,000	150,000
TOTAL GFAR	-	-	-	50,000	25,000	25,000	25,000	25,000	150,000
TOTAL EXPENDITURES	-	-	-	50,000	25,000	25,000	25,000	25,000	150,000

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects



Project Name School Route Evaluation & Design

Project Number 0711

Department Parks & Public Works

Project Manager Town Engineer: Kevin Rohani

Description This project will evaluate the pedestrian access around Fisher and Van Meter schools and prepare a concept design which will be used in the future for design and construction of pedestrian facilities to these school sites.

Location The project study site will be Los Gatos Blvd., Shannon Rd, Kennedy Road, Mitchell Ave., Fisher Ave., and Nino Ave.

Project Background The Town has been successful in pursuing grant projects to repair, replace, or construct sidewalks. Grant funds for these types of projects are limited and very competitive. In order to compete, proposed projects need to be well-defined, outlining clear objectives and community need. Since sidewalk construction is influenced by a variety of factors, such as right of way, curbs, street grading, storm drain flows, and access, funding for a complete evaluation is necessary, particularly where there is no sidewalk present. Proper evaluation of proposed projects will assist in determining sidewalk construction needs, including design and pedestrian access and safety.

Future evaluations of the sidewalk system near other schools in town, such as Blossom Hill School, may be recommended after this first evaluation is completed.

This School Route Evaluation & Design project, once completed, will be the blue print for the Town to scope, and budget future CIP project for construction sidewalks on public streets around school sites. This project will also assist the Town on pursuing grant funding in the coming years for sidewalk construction around schools in a more comprehensive and thoughtful way.

GFAR funds will be utilized for this project.

Operating Budget Impacts This project does not have a short term impact on the operating budget. In the long term, Engineering staff time for project design and oversight, and after construction, Street Maintenance staff time for the maintenance of the sidewalks will need to be accounted for in the operating budget.

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects

Project Components & Estimated Timeline	Nov., 2006	Conceptual Design	Consultant will be hired to perform the conceptual design and analysis.
	April, 2007	Consultant Report	Consultant submits report to Town. Report will provide locations and cost estimates of various improvements to upgrade pedestrian routes near schools, and future CIP data.
	May, 2007	Completion	Completion of analysis phase.

SCHOOL ROUTE EVALUATION & DESIGN									Project 0711
SOURCE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GFAR	-	-		30,000					30,000
TOTAL REVENUES	-	-	-	30,000	-	-	-	-	30,000
USE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GFAR									
Salaries and Benefits	-	-	-	-	-	-	-	-	-
Services/Supplies/Equipment	-	-	-	-	-	-	-	-	-
Site Acquisition & Preparation	-	-	-	-	-	-	-	-	-
Consultant Services	-	-	-	30,000	-	-	-	-	30,000
Project Construction Expenses	-	-	-	-	-	-	-	-	-
TOTAL GFAR	-	-	-	30,000	-	-	-	-	30,000
TOTAL EXPENDITURES	-	-	-	30,000	-	-	-	-	30,000

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects



Project Name Knowles Drive - Railroad Crossing

Project Number 10xx

Department Parks & Public Works

Project Manager Town Engineer: Kevin Rohani

Description This project will rehabilitate the asphalt roadway abutting the Union Pacific Railroad crossing on Knowles Drive.

Location This project is located on the Knowles Drive Railroad Crossing at the Winchester Blvd intersection.

Project Background Knowles Drive Railroad Crossing is used and operated by Union Pacific Railroad Company. The “old” style and design of the railroad crossing coupled with heavy traffic has made the asphalt uneven, creating safety concerns for pedestrians and bicyclists. There have been several pedestrian and bicycle trip and fall accidents and injuries.

Town staff is working cooperatively with Union Pacific Railroad Company and California Public Utility Commission to rehabilitate and upgrade the crossing with the new and smooth style railroad crossings. It is anticipated that the rehabilitation process will be lengthy, as the project must be coordinated with multiple agencies.

This project plan is to obtain and use grant funds. Staff will continue to pursue outside agency funding to rehabilitate the crossing and explore mitigation measures such as asphalt patching.

Operating Budget Impacts Until the project is completed, the Town will continue to conduct asphalt patching, estimated at \$1,000 annually in staffing and materials expenditures. After project completion, ongoing operating costs will be minimal and potentially eliminated for several years. Engineering staff time for oversight of this project will be accounted for in the FY 2009/10.

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects

Project Components & Estimated Timeline	Sept., 2006	Funding and Agreement Phase	Staff will work with Union Pacific and Valley Transportation Agency towards securing the funding and rehabilitating the crossing.
	March, 2008	Project Design	Staff to work with the agencies for their required repair methods, and gather cost estimates and funding sources.
	Jan., 2009	Bid Process	Obtain bids from licensed contractors and submit to Council for approval.
	April, 2009	Construction	Railroad crossing repairs conducted by approved contractor.
	May, 2009	Completion	Construction completed.

KNOWLES AVENUE - RAILROAD CROSSING									Project 10xx
SOURCE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GRANTS & AWARDS		-					60,000		60,000
TOTAL REVENUES	-	-	-	-	-	-	60,000	-	60,000
USE OF FUNDS	Prior Yr Actuals	2005/06 Estimated	Estimated Carryfwd	2006/07 Budget	2007/08 Planned	2008/09 Planned	2009/10 Planned	2010/11 Planned	Total Project
GRANTS & AWARDS									
<i>Salaries and Benefits</i>	-	-	-	-	-	-	-	-	-
<i>Services/Supplies/Equipement</i>	-	-	-	-	-	-	-	-	-
<i>Site Acquisition & Preparation</i>	-	-	-	-	-	-	-	-	-
<i>Consultant Services</i>	-	-	-	-	-	-	-	-	-
<i>Project Construction Expenses</i>	-	-	-	-	-	-	60,000	-	60,000
TOTAL GRANTS & AWARDS	-	-	-	-	-	-	60,000	-	60,000
TOTAL EXPENDITURES	-	-	-	-	-	-	60,000	-	60,000

PROPOSED STREET PROGRAM

Street Repairs, Maintenance & Safety Projects

